

Owner's Manual  
Model ECOP2



Thank you for purchasing our product. To ensure you get the best results from the Eco Pure air cleaner, please read this manual first. This manual should be kept for any future reference.

To locate your nearest Authorized Riccar Dealer for sales or service, please visit our website at [www.riccar.com](http://www.riccar.com) or call 877-302-4746.



# Principal Features

## ⇒ 3 stage HEPA filtration

Includes anti-microbial pre-filter and activated carbon filtration for odor removal.

## ⇒ 99.97% efficiency at 0.3 microns

Superior microfiltration for those concerned with allergies and a cleaner living environment.

## ⇒ Negative ion emission function

Fill your room with mountain-fresh air.

## ⇒ 3 speed/twin fan blower units

Changes average room air 6 times per hour plus whisper quiet operation.

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# **Important safety instructions**

## **READ AND SAVE THESE INSTRUCTIONS**

All warnings and cautions in the Operating Instructions and on the unit should be strictly followed, as well as the safety suggestions below.



## **WARNINGS**

1. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
2. To reduce the risk of electric shock, do not expose to water or rain.
3. To reduce the risk of electric shock and injury to persons, do not use in a window.
4. Unplug or disconnect the appliance from the power supply before servicing.



## **PRECAUTIONS**

### **Installation**

1. **Water and moisture** - Do not use this unit near water, such as bathtub, washbowl, swimming pool, or the like.
2. **Heat** - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat.
3. **Mounting surface** - Place the unit on a flat, even surface.
4. **Ventilation** - Do not obstruct the air inlet or outlet openings with a cloth, as this may lead to fire or electric shock.
5. **Clearance between the unit and the wall** - Operate this unit at least 12 inches away from surrounding walls, to prevent soiling of the wall.
6. **Interference** - Avoid using this unit close to a radio, television, or computer monitor, as it may cause interference.
7. **Objects and liquid entry** - Take care that objects or liquids do not get inside the unit through the ventilation openings.

8. **Room ventilation** - If using this unit together with a stove or other combustion appliance, ventilate the room regularly. If the room is not ventilated, there is a possibility of carbon monoxide poisoning.  
This unit does not have a room ventilation function.

## Electric Power

1. **Power sources** - Connect this unit only to power sources specified in the Operating Instructions, and as marked on the unit.
2. **AC power cord**
  - When disconnecting the AC power cord, pull it out by the AC power plug. Do not pull the cord itself.
  - Never handle the AC power plug with wet hands, as this could result in fire or shock.
  - Avoid overloading AC power plugs and extension cords beyond their capacity, as this could result in fire or shock.
3. **When not in use** - Unplug the AC power cord from the AC outlet if the unit will not be used for several months or more.

In case of lightning - To avoid the possibility of electric shock, do not touch the power cord or plug.

## Handling

Do not drop the unit or subject it to shock. This may damage the internal mechanism and cause the unit to malfunction.

## Maintenance

Clean the unit only as recommended in the operating Instructions.

## Damage Requiring Service

Have the units serviced by a qualified service technician if :

- The AC power cord or plug has been damaged
- Foreign objects or liquid have gotten inside the unit
- The unit does not seem to operate normally
- The unit exhibits a marked change in performance
- The unit has been dropped, or the cabinet has been damaged

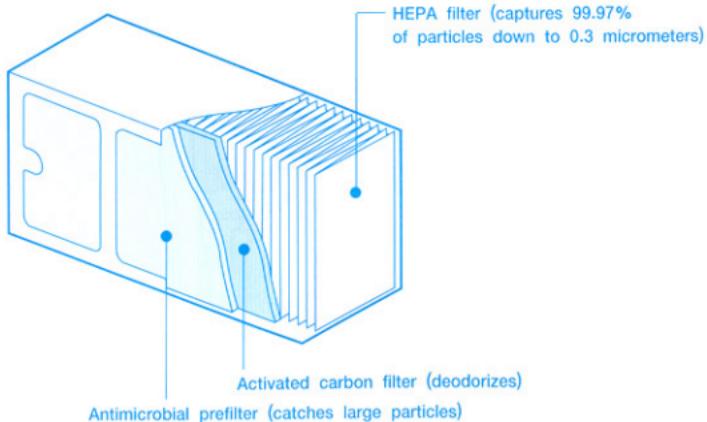
**DO NOT ATTEMPT TO SERVICE THE UNIT YOURSELF.**

# Names of Parts

## Main Unit



## Filter construction and function

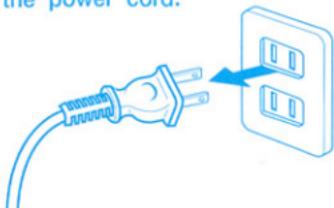


# **B**efore Using the Unit (Installing the Filter)

When you purchase the unit, it is not yet ready to operate.  
First you must install the filter, using the following procedure.

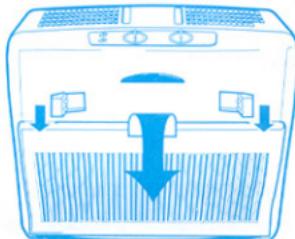
**1**

Disconnect the power cord.



**2**

Push down the front Grille, and pull it toward you.



**3**

Remove the supplied filter.

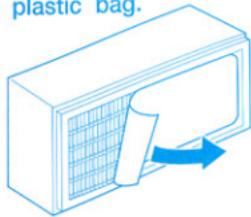


**Note :** When removing a used filter, wear gloves to keep your hands clean.

## 4

Tear away the portion at the rear of the filter.

Remove from the plastic bag.



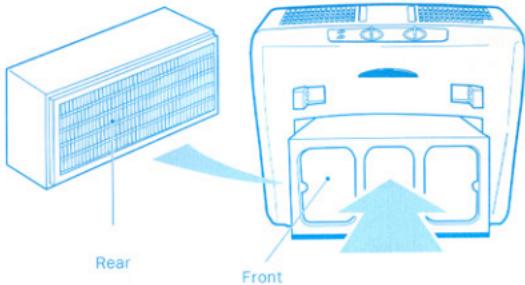
**Caution:** Avoid skin contact with the rear of the filter.

It is made of fine glass fibers, and can cause skin allergies.

**Note:** Make a note of the date you installed the filter as a guideline for replacement.

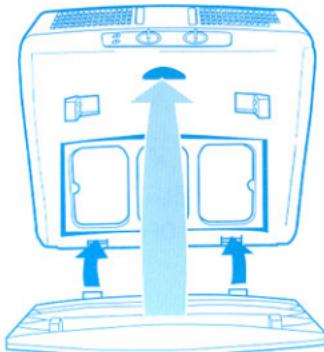
## 5

Insert the filter with the front toward you.



## 6

Reattach the front Grille.

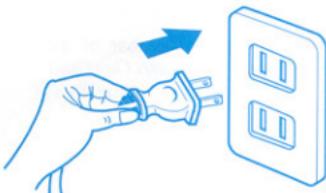


# Using the Unit

To avoid soiling surrounding walls, position the unit at least 30cm away.

1

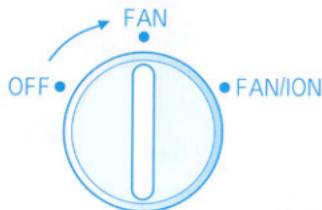
Insert the plug into the wall socket.



2

Set the POWER switch position to "FAN"

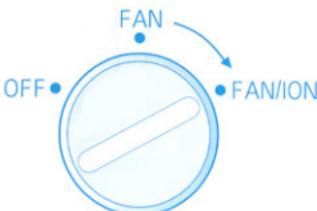
- When power is on, The power indicator lights, and the unit starts continuous operation.  
(Don't rotate it by force)



3

Set the POWER switch position to "FAN/ION"

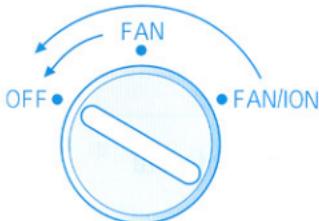
- The ionizer indicator lights, and the unit starts to produce negative ions.  
(Don't rotate it by force)



## 4

- To stop operation, just returning to "OFF"

The POWER/IONIZER Indicator off, and power off the unit.

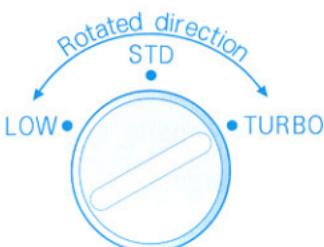


## AIR SPEED CONTROLLER

## 5

Select air volume as you please

- Select desired air volume by setting the switch to certain position among LOW/STD/TURBO.
- Air volume switch can be set to both directions, clockwise and counterclockwise, according to your convenience.



# Care of the Unit

## ⚠ Caution

Always disconnect the power before carrying out following operations on the unit.

### The HEPA filter

#### Replacement interval

The lifetime of the filter depends on the environment in which it is used. As a guide you should replace it about once a year. The following situations also indicate that it is time to replace the filter:

- If the wind produced by the unit is greatly reduced
- If the unit becomes noisy in operation

#### Replacement

See the section " Before Using the Unit (Installing the Filter) "

#### Replacement filter

Use the correct replacement HEPA filter (sold separately):

- Item number : APF1/HF-704

#### Caution

- It is not possible to clean a used filter or reuse it.
- Dispose of as non-burnable trash.
- Keep away from naked flames.
- Do not get wet.
- Do not add scents or other additive substances.
- Do not disassemble.
- To enhance the collection efficiency and life span of HEPA FILTER, We recommend you to clean the dust from the pre-filter by two months periods.

Please use a soft brush or very thin rod to tap dust out of pre-filter. Do not use water or detergent.

## Air inlet (front grille)

About once a month, use a vacuum cleaner to remove dirt and dust from the inlet. You can also wash the front cover in water; after washing, let the cover dry before reattaching it.

## Cleaning the case of the unit

Wipe with a soft cloth. If the unit is very dirty, use a mild detergent.

Do not use thinners or other organic solvents, as these may damage the finish.

## Inspecting the Power Cord and Plug

If the unit is left plugged into an outlet for a long interval, dust may accumulate, and in the presence of moisture a current may flow, possibly leading to a fire.

To prevent the possibility of an accident, pay attention to the following points.

- Keep the area around the outlet free of dust.
- Check that the plug is properly inserted.
- Check that the plug and outlet are not damaged.

## After Use for a Long Period

In any of the following cases, stop using the unit, and have the unit inspected by a qualified service technician.

- If the sometimes does not work when powered on
- If the unit makes a strange noise when operation
- If the case is deformed
- If the unit gets very hot or there is a burning smell
- If the unit stops operating when the power cord is moved

# **P**rincipal Specifications

Power supply	AC120 volt/60hz
Fan speeds	3
Ionization	yes
Average room size	12 X 12 feet
Optimum room size	14 X 15 feet
Maximum room size	18 X 18 feet
Power Consumption	49 watts (turbo)
Air flow rates (cubic feet per minute)	TURBO 85 cfm STD 50 cfm LOW 28 cfm
Dimensions	15" X 8" X 13"
Weight	9.2 pounds
Replacement filter	Item#APF1/#HF-704
Filter life span	12-15 months (non-smoker) 3-4 months (smoker)
Warranty	1 year